051/E

## INFORMATION REPORT INFORMATION REPORT

## CENTRAL INTELLIGENCE AGENCY

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	SECRET					
COUNTRY	East Germany REPORT					
SUBJECT	1. Production of Electronic Tubes, Test Equipment, and Teleprinters in East Germany 2. East German Postal Authorities Interest in CCIR Standards for Television REQUIREMENT NO. RD					
DATE OF INFO.	REFERENCES					
PLACE & DATE ACQ.	This is UNEVALUATED  SOURCE EVALUATIONS ARE DEFINITIVE APPRAISAL OF INFORMATION TENTATIVE					
Tube	The development and production of germanium diodes is to be transferred from the VEB Werk fuer Bauelemente der Nachrichtentechnik, Teltow, to the VEB Werk fuer Fernmeldewesen WF, Berlin-Oberschoeneweide, where a new production section is to be established. The semiconductor laboratory of Werk WF now contains six engineers and three skilled workmen.	25X1				
2.		25 <b>X</b> 1				
3.						
4.	on the steep-slope triode EC 860 (adapted from the western type 437 A) and the double triode ECC 860 (adapted from the western type F 88 CC)	25X1				
5.	The amplifier triode EC 560 is to be put into production in October 1956; 30 per month are to be made.	20/(1				
Ins	truments					
6.	It has previously been reported that the production of test stands for transmitter tubes developed at Werk WF, Plan Number K6 = 268, was to be transferred to VEB Funkwerk Koepenick. This position has now been reversed since it has					

6. It has previously been reported that the production of test stands for transmitter tubes developed at Werk WF, Plan Number K6 = 268, was to be transferred to VEB Funkwerk Koepenick. This position has now been reversed since it has become apparent that Koepenick is not able by itself to produce this instrument in bulk. The task of producing components for the instrument has therefore been divided between various electronics factories, including Werk WF, VEB Apparatewerk Treptow, and VEB Transformatoren— und Roentgenwerk, Dresden. At the moment, the tube department of Werk WF is able to test only at 10-kW output. It is hoped by the end of 1956 to be able to test VHF tubes at 12-kW output, with the new components then available.

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		- 2 -		25X1
	. ~,		<i>2</i>	
7.	Completion of the program is of the difficulty of finding output klystron is required instrument is to be made in output klystron, is to be but	specialists capabl for this task. The Jerk WF, and a high	e of undertaking the power supply unit fo voltage generator, a	work. An
8.	Field Strength Meter	·	100	
	By October 1956, Werk WF had or to put into production th by the Soviet Union and has continual pressure from the	e 3 - 30 mcs.field the Plan Number K6	strength meter which - 150. Werk WF is u	has been ordered nder strong and
9.	Test stand for Travelling Wa	ve Tubes		
	A test stand for travelling It has a figure of merit of for testing travelling wave	30. A rotating mea	suring circuit (rotio	erende Messleitung
10.	A test-amplifier down to 13 output triode EC 562.	cm is being built a	t a works in Wilhelm	shagen for the
Tele	printers			
11.	The export demand for telep been proposed that a "combi cooperate in producing the September 1956 and attended Radio and Telecommunication and from various electronic teleprinters could be speed distance transmission instruses considered that, for the with cold cathode thyratron would be transmitted from to voltages. It is planned to	ne" of electronics: required number. A by representatives s of the Ministry of factories, it was sed up by devising a uments could be limit is purpose, a steper could be used. Gru he typewriter through	firms, including Werlt a meeting held at a from HV RFT (Main Acf General Machine Consugested that the promethod whereby suits, and to ordinary typewarate generator (Trepoups of five impulses of the thyratron on the control of the c	k WF, the end of dministration nstruction) roduction of able long writers. It opengenerator) s per letter
Tele	vision_			10
12.	The East German postal authof a TV transmitter from OI has caused consternation at transmitters (to comply with authorities have reached a complement of the control of the	R (Eastern) standard the Sachsenwerk Rad OIR standards)has h	ds to CCIR (Western), deberg where producti	<sup>2</sup> This news
13.	Werk WF has delivered three recorders, power supply univas originally ordered for with the deliveries of outdoor remodelled for studio use.	ts, etc., to the pos installation in vehi	stal authorities. The cles for outdoor use	nis equipment
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